

## Vitamin D Binding protein Monoclonal Antibody

CAB21977

### Description

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This Vitamin D Binding protein Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB21977

**Contents:** 20 µL, 100 µL  
Bradford Reagent: 1 vial (2ml)

**Category:** Monoclonal Antibody

**Synonyms:** DBP, VDB, GRD3, VDBG, VDBP, GcMAF, DBP/GC, Gc-MAF, DBP-maf, HEL-S-51, Vitamin D Binding protein

**Clone:** ARC53914

**Applications:** WB ELISA

**Conjugation:** Unconjugated

**Reactivity:** Human, Mouse, Rat

### Antibody Data

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**Gene ID:** 2638

**Uniprot:** -

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 53kDa

**Calculated MW:** 53kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

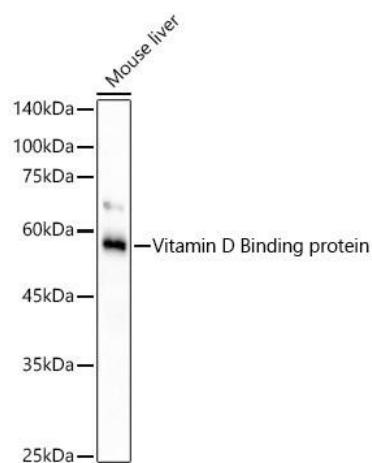
**Positive Sample:** Mouse liver, Rat plasma

**Recommended Dilutions:**

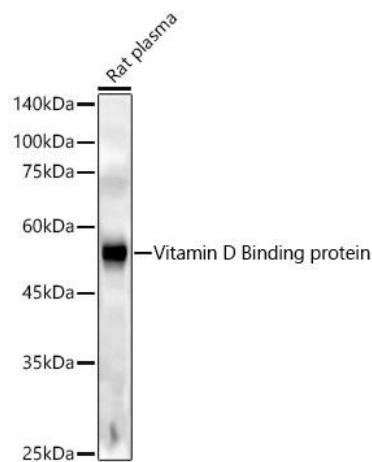
WB	1:500 - 1:1000
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of lysates from mouse liver, using Vitamin D Binding protein Rabbit mAb (CAB21977) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



Western blot analysis of lysates from rat plasma, using Vitamin D Binding protein Rabbit mAb (CAB21977) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (AbGn00021). Exposure time: 180s.

